

**OPINIONS AND DECLARATIONS
RENDERED BY THE INTER-
NATIONAL COMMISSION ON
ZOOLOGICAL NOMENCLATURE**

Edited by

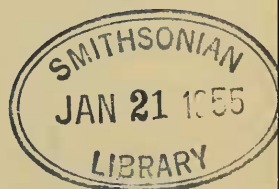
FRANCIS HEMMING, C.M.G., C.B.E.

Secretary to the Commission

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OPINION 317

Addition of the name *Cercopis* Fabricius, 1775 (Class
Insecta, Order Hemiptera) to the *Official List of Generic
Names in Zoology*



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INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

COMPOSITION AT THE TIME OF THE ADOPTION OF THE RULING GIVEN IN OPINION 317

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Secretary : Mr. Francis Hemming (*London, England*).

B. The Members of the Commission

(*arranged in order of precedence by reference to date of election or of most recent re-election, as prescribed by the International Congress of Zoology*).

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Professor Pierre BONNET (*Université de Toulouse, France*) (9th June 1950).

Mr. Norman Denbigh RILEY (*British Museum (Natural History), London*) (9th June 1950).

Professor Tadeusz JACZEWSKI (*Department of Systematic Zoology, Warsaw University, Warsaw, Poland*) (15th June 1950).

Professor Robert MERTENS (*Natur-Museum u. Forschungs-Institut Senckenberg, Frankfurt a. M., Germany*) (5th July 1950).

Professor Erich Martin HERING (*Zoologisches Museum der Humboldt-Universität zu Berlin, Germany*) (5th July 1950).

OPINION 317

ADDITION OF THE NAME "CERCOPIS" FABRICIUS, 1775 (CLASS INSECTA, ORDER HEMIPTERA) TO THE "OFFICIAL LIST OF GENERIC NAMES IN ZOOLOGY"

RULING :—(1) The under-mentioned generic name is hereby placed on the *Official List of Generic Names in Zoology* as Name No. 762 :—*Cercopis* Fabricius, 1775 (gender : feminine) (type species, by selection by Latreille (1810) : *Cicada sanguinolenta* Scopoli, 1763).

(2) The under-mentioned specific name is hereby placed on the *Official List of Specific Names in Zoology* as Name No. 195 :—*sanguinolenta* Scopoli, 1763, as published in the combination *Cicada sanguinolenta* (specific name of type species of *Cercopis* Fabricius, 1775).

I.—THE STATEMENT OF THE CASE

Following upon correspondence between Professor Z. P. Metcalf (*North Carolina State College of Agriculture and Engineering of the University of North Carolina, Raleigh, North Carolina, U.S.A*), Mr. Francis Hemming (*Secretary to the Commission*) and Dr. W. E. China (*British Museum (Natural History), London*), Herr W. Wagner (*Hamburg, Germany*) on 30th January 1950 submitted to the Commission the following application for the addition of the generic name *Cercopis*

Fabricius, 1775 (Class Insecta, Order Hemiptera) to the *Official List of Generic Names in Zoology* :—

Proposed addition of “*Cercopis*” Fabricius, 1775, and “*sanguinolenta*” Scopoli, 1763, as published in the binominal combination “*Cicada sanguinolenta*”, to the Official Lists of Generic Names and Specific Trivial Names in Zoology respectively

By WILHELM WAGNER (*Hamburg-Fuhlsbüttel*)

1. The genus *Cercopis* (belonging to the Homoptera Auchenorrhyncha) was established by Fabricius, 1775 (*Syst. Ent.* : 688). The name was published in accordance with the *Règles*. It was accompanied by a diagnosis, but Fabricius did not designate a type species. However, since the name was published before 1st January 1931, it is not invalidated by this omission. The name *Cercopis* Fabricius, 1775, is not a homonym of any previously published generic name.

2. Fabricius included nine species in this genus, which alone, according to Rule (g) in Article 30, are eligible for selection as the type species of the genus. Four different species have been cited as type species of this genus in the literature, and even in the most recent literature there appears to be confusion as to the validity of these type selections. A list of references is given in the Appendix to this paper to selections or reputed selections of a type species for the genus *Cercopis* Fabricius, which has been kindly furnished by Professor Z. P. Metcalf (*in litt.*).

3. The first type selection which was strictly in accordance with the *Règles* was that by Latreille in 1810 (*Consid. gén. Crust. Arach. Ins.* : 434). *Opinions* 11 and 136 declared that type selections made in this work in the case of all genera, for which one species only was cited, were to be accepted as valid. The only species cited in the case of the genus *Cercopis* was “*sanguinolenta* Fab”, *i.e.*, *Cercopis sanguinolenta* Fabricius, 1775 (*Syst. Ent.* : 688) ; this, as the reference given given by Fabricius shows, was not a new name published by Fabricius, but was the same as *Cicada sanguinolenta* Scopoli, 1763 (*Faun. carn.* : 112).

4. Since the validity of this type selection is beyond question, it is not necessary here to examine further the more recent references. It should be noted that in the two earlier references cited in the Appendix (namely, Latreille, 1802, and Froriep, 1806) the species *C. spumaria* Fabricius was cited but only as an example of the genus, not specifically as its type species. Consequently, this species cannot be regarded as the type species by subsequent selection in accordance with Rule (g) in Article 30. The type species must therefore be accepted as being *Cicada sanguinolenta* Scopoli, 1763.

5. Since, however, a number of different type species have been accepted for the genus *Cercopis* in the literature, various nomenclatorial difficulties have arisen.

6. *Cercopis spumaria* Linnaeus and *Cercopis sanguinolenta* Scopoli are now regarded as belonging to different genera. Hence the nomenclature of both the genera concerned is insecure. In the case of the first (based on *C. spumaria*) it fluctuates between *Cercopis* Fabricius and *Aphrophora* Germar, 1821, and in the case of the second (based on *C. sanguinolenta*) it fluctuates between *Cercopis* Fabricius and *Triecphora* Amyot et Serville, 1843. Both genera include relatively large and prominent species, which for the most part are very widespread in the palaeartic region, and the names of which in consequence, occur frequently in textbooks and in popular literature. The first genus is represented by more than 40 species in the palaeartic region, and the second by more than 10. Stabilisation is therefore highly necessary, in view of the frequent use of these names.

7. The name *Cercopis* has formed the base of the family name CERCOPIDAE and the sub-family name CERCOPINAE. But *Cercopis spumaria* and *Cercopis sanguinolenta* belong to two different sub-families. Thus, so long as there is no certainty as to which is the type species of *Cercopis*, the application of the name of the sub-family must also remain uncertain. The two above-mentioned sub-families have been treated in the most recent literature as separate families. As a result, the uncertainty extends also to the use of the family name CERCOPIDAE. This is another reason why the stabilisation of the use of the name *Cercopis* is urgently necessary.

8. In view of the importance of the generic name *Cercopis* Fabricius, 1775, which forms the basis for the family name CERCOPIDAE, I regard it as of great importance that the application of this name should be stabilised in accordance with the requirements of the *Règles Internationales de la Nomenclature Zoologique*. I, therefore, request the International Commission on Zoological Nomenclature :—

- (1) to place on the *Official List of Generic Names in Zoology* the generic name *Cercopis* Fabricius, 1775 (*Syst. Ent.* : 688) type species, by subsequent selection by Latreille, 1810 (*Consid. gén. Crust. Arach. Ins.* : 434) : *Cicada sanguinolenta* Scopoli, 1763 (*Ent. carn.* : 112) (gender of generic name : feminine).
- (2) to place on the *Official List of Specific Trivial Names in Zoology* the trivial name *sanguinolenta* Scopoli, 1763, as published in the binominal combination *Cicada sanguinolenta*.

Appendix

Particulars of type selections and alleged type selections made for the genus Cercopis Fabricius, 1775

(Based upon material furnished by Professor Z. P. Metcalf.)

<i>Date of publication containing a selection or alleged selection of a type species for Cercopis Fabricius, 1775.</i>	<i>Author who selected or who is alleged to have selected a type species for Cercopis Fabricius, 1775.</i>	<i>Species selected or alleged to have been selected by the author, and in the work specified in Col. (2).</i>
(1)	(2)	(3)
1802	<i>LATREILLE Histoire naturelle générale et particulière des Crustacés et des Insectes 3 : 260.</i>	<i>C. spumaria</i> Fabricius.
1806	<i>FRORIEP, L. F. C. Duméril's. Doctors und Professors an der Medicinischen Schule zu Paris, Analytische Zoologie. Weimar, Landes Industrie-Comptoir : 267.</i>	<i>C. spumaria</i> Fabricius.
1810	<i>LATREILLE Considérations générales sur l'ordre naturel des animaux . . . Paris, Schoell : 434.</i>	<i>C. sanguinolenta</i> Fabricius.
1833	<i>CURTIS British Entomology 10 : 461.</i>	<i>C. sanguinolenta</i> Linnaeus.
1840	<i>WESTWOOD Synopsis of the genera of British insects 2 : 116.</i>	<i>C. vulnerata</i> Rossi.
1844	<i>BLANCHARD Dictionnaire universel d'histoire naturelle . . . 3 : 296.</i>	<i>C. sanguinolenta</i> Fabricius.
1862	<i>CURTIS British Entomology : 461.</i>	<i>C. sanguinolenta</i> Linnaeus.
1869	<i>STÅL Hemiptera Fabriciana : 11.</i>	<i>C. carnifex</i> Fabricius.
1900	<i>KIRKALDY "On the nomenclature of the Rhynchota, Heteroptera and Auchenorrhynchous Homoptera". Entomologist 33 : 27.</i>	<i>C. spumaria</i> Linnaeus.

Date of publication containing a selection or alleged selection of a type species for <i>Cercopis Fabricius</i> , 1775.	Author who selected or who is alleged to have selected a type species for <i>Cercopis Fabricius</i> , 1775.	Species selected or alleged to have been selected by the author, and in the work specified in Col. (2).
(1)	(2)	(3)
1900	KIRKALDY "On the nomenclature of the genera of the Rhynchota". <i>Entomologist</i> 33 : 263.	<i>C. spumaria</i> Linnaeus.
1906	KIRKALDY "Leafhoppers and their natural enemies". <i>Bull. Hawaiian Sugar Pl. Assoc. Div. Ent.</i> 1 : 379, 380.	<i>C. spumaria</i> Linnaeus.
1906	KIRKALDY "Leafhoppers and their natural enemies". <i>Bull. Hawaiian Sugar Pl. Assoc. Div. Ent.</i> 1 : 379.	<i>C. carnifex</i> Fabricius.
1910	SCHMIDT "Neue Gattungen und Arten der Subfamilie Cercopinae . . ." <i>Arch. Nat.</i> 76 : 103.	<i>C. carnifex</i> Fabricius.
1912	LALLEMAND "Cercopidae". <i>Gen. Ins.</i> 143 : 58.	<i>C. spumaria</i> Fabricius.
1912	VAN DUZEE "Hemipterological gleanings". <i>Bull. Buffalo Soc. Nat. Sci.</i> 10 : 507.	<i>C. carnifex</i> Fabricius.
1921	JACOBI "Kritische Bemerkungen über die Cercopidae". <i>Arch. Nat.</i> 87 : 5, 7.	<i>C. spumaria</i> Linnaeus.
1921	JACOBI <i>Ibid.</i> : 47.	<i>C. carnifex</i> Fabricius.
1929	HAUPT "Neueinteilung der Homoptera Cicadina . . ." <i>Zool. Jahrb. Syst. Oek.</i> 58 : 222.	<i>C. sanguinolenta</i> Linnaeus.
1933	NAST "Beitrage zur Morphologie und geographischen Verbreitung der mitteleuropäischen und mediterranen Arten aus der Sub-familie Cercopinae". <i>Ann. Mus. Zool. Polonici</i> 10 : 7—13.	<i>C. sanguinolenta</i> Scopoli.
1934	METCALF and HORTON "The Cercopoidea of China". <i>Lingnam Sci J.</i> 13 : 417.	<i>C. spumaria</i> Linnaeus.
1935	HAUPT Die Tierwelt Mitteleuropas 4 : 154.	<i>C. sanguinolenta</i> Scopoli.

II.—THE SUBSEQUENT HISTORY OF THE CASE

2. Registration of the present application : On the receipt of Herr Wagner's application, the question of the addition of the name *Cercopis Fabricius*, 1775, to the *Official List of Generic Names in Zoology* was allotted the Registered Number Z.N.(S.)441.

3. Publication of the present application : The present application was sent to the printer in December 1950 and was published on 15th August 1951 in Double-Part 9/10 of volume 2 of the *Bulletin of Zoological Nomenclature* (Wagner, 1951, *Bull. zool. Nomencl.* 2 : 301—304).

4. No objections received : The publication of the present application in the *Bulletin of Zoological Nomenclature* elicited no objection to the action proposed.

III.—THE DECISION OF THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

5. Issue of Voting Paper V.P.(52)37 : On 9th May 1952, a Voting Paper (V.P.(52)37) was issued in which the Members of the Commission were invited to vote either for, or against, the proposal "relating to the name *Cercopis Fabricius*, 1775, as specified in Points (1) and (2) on page 302 of volume 2 of the *Bulletin of Zoological Nomenclature*" [*i.e.*, in the Points so numbered in paragraph 8 of the application reproduced in the first paragraph of the present *Opinion*].

6. The Prescribed Voting Period. As the foregoing Voting Paper was issued under the Three-Month Rule, the Prescribed Voting Period closed on 9th August 1952.

7. Particulars of the Voting on Voting Paper V.P.(52)37 : The state of the voting on Voting Paper V.P.(52)37 at the close of the Prescribed Voting Period was as follows :—

(a) *Affirmative Votes had been given by the following sixteen (16) Commissioners (arranged in the order in which Votes were received) :*

Hering ; Riley ; Dymond ; Calman ; Hankó ; Bonnet ;
Vokes ; do Amaral ; Pearson ; Hemming ; Bradley ;
Esaki ; Lemche ; Stoll ; Cabrera ; Boschma ;

(b) *Negative Votes :*

None ;

(c) *Voting Papers not returned, two (2) :*

Jaczewski ; Mertens.

8. Declaration of Result of Vote : On 11th August 1952, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(52)37, signed a Certificate that the Votes cast were as set out in paragraph 7 above and declaring that the proposal submitted in the foregoing Voting Paper had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.

9. On 7th April 1954 Mr. Hemming prepared the Ruling given in the present *Opinion* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(52)37.

10. The following are the original references for the names placed on *Official Lists* in the Ruling given in the present *Opinion* :—

Cercopis Fabricius, 1775, *Syst. Ent.* : 688
sanguinolenta, *Cicada*, Scopoli, 1763, *Ent. carn.* : 112

11. The following is the reference for the selection of a type species for *Cercopis* Fabricius, 1775, referred to in the Ruling given in the present *Opinion* :—Latreille, 1810, *Consid. gén. Anim. Crust. Arach. Ins.* : 434, 264.

12. The application dealt with in the present *Opinion* was published in the *Bulletin of Zoological Nomenclature* prior to the establishment of the *Official List of Family-Group Names in Zoology* by the Fourteenth International Congress of Zoology, Copenhagen, 1953. It has not been possible since then to deal with this aspect of the present case. This question is, however, now being examined on a separate File to which the Registered Number Z.N.(G.)75 has been allotted.

13. At the time of the adoption of the Ruling given in the present *Opinion*, the expression prescribed for the second portion of the binomen which constitutes the scientific name of a species was the expression “trivial name” and the *Official List* reserved for recording such names was styled the *Official List of Specific Trivial Names in Zoology*, the word “trivial” appearing also in the title of the *Official Index* reserved for recording rejected and invalid names of this category. Under a decision taken by the Fourteenth International Congress of Zoology, Copenhagen, 1953, the expression “specific name” was substituted for the expression “trivial name” and corresponding changes were made in the titles of the *Official List* and *Official Index* of such names (1953, *Copenhagen Decisions zool. Nomencl.* : 21). The changes in terminology so adopted have been incorporated in the Ruling given in the present *Opinion*.

14. The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Opinion* is accordingly hereby rendered in the name of the said International Commission by the under-signed Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

15. The present *Opinion* shall be known as *Opinion* Three Hundred and Seventeen (317) of the International Commission on Zoological Nomenclature.

DONE in London, this Seventh day of April, Nineteen Hundred and Fifty-Four.

*Secretary to the International Commission
on Zoological Nomenclature*

FRANCIS HEMMING

